



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:										COUNTY: HARNETT PERMIT NO.: 43-E FILE TYPE: COMPLIANCE		
Lined MSWLF		LCID	X	YW		Transfer		Compost			SLAS	
Closed MSWLF		HHW		White goods		Incineration		T&P			FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO			SDTF	

Date of Inspection: April 5, 2012

Date of Last Inspection:

FACILITY NAME AND ADDRESS:

Barnhill/McArtan Mine Site LCID Landfill
 Josey Williams Road (NCSR 2027)
 Bunnlevel, North Carolina

GPS COORDINATES: N: 35.2670 E: -78.7839

FACILITY CONTACT NAME AND PHONE NUMBER:

Steve Waters, Environmental Manager, Barnhill Contracting Company
 (910) 978-2412

FACILITY CONTACT ADDRESS:

Barnhill Contracting Company
 P.O. Box 35376
 Fayetteville, North Carolina 28303

PARTICIPANTS:

Bud King, Barnhill Contracting Company
 Robert Hearn, Solid Waste Section

STATUS OF PERMIT:

LCID Landfill Notification approval letter: August 29, 2001
 Original Permit to Construct: April 17, 2002
 Permit Amendment – Phase I – Permit to Construct/Operate: February 19, 2010
 Permit expires: February 19, 2015

PURPOSE OF SITE VISIT:

Comprehensive inspection

STATUS OF PAST NOTED VIOLATIONS:

(none)

OBSERVED VIOLATIONS:

(none)

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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ADDITIONAL COMMENTS:

1. This facility is owned and operated by Barnhill Contracting Company. The facility is not open to the public, and does not keep regular operating hours. Inspected facility, accompanied by Mr. King, and discussed landfill operations. The facility was closed at the time of inspection.
 2. Mr. King said that only a relatively-small volume of waste had been disposed at the landfill over the past year. He explained that waste in the active disposal area was recently compacted and covered with soil, and that grass seed had been sown on the surface and slope of the disposal area. He also explained that an additional permitted disposal area, adjacent to and west of current disposal area, had recently been cleared of vegetation and stumps in preparation for future disposal operations there.
 3. Observed that waste was adequately covered with soil at the time of inspection, with the exception of the eroded areas noted below.
 4. Observed that the surface of the disposal area appeared to be graded to allow for positive drainage of surface runoff, and no runoff was observed standing over the disposal area. However, it appeared that surface runoff moving down-grade across the west slope of the disposal area has resulted in several eroded channels on the landfill surface and slope. Take actions to re-grade the upper surface of the disposal area so that surface water moves down-grade in a controlled manner.
- Also, be aware that 15A N.C. Admin. Code 13B requires that surface water be diverted from the working face of the landfill. Re-grade the landfill surface to control and divert runoff so that it will not flow into the active disposal area once disposal operations resume.
5. Consider utilizing erosion control measures, structures, devices, etc. to control surface runoff so as to minimize erosion of landfill surfaces and slopes.
 6. Observed that disposed waste was visible in some of the eroded channels. Take prompt actions to apply cover soil sufficient to repair all eroded areas. Eroded areas should be repaired and graded so as to tie in with the existing slope grade.
 7. The repairs described above should be followed by timely actions to establish vegetative cover on repaired areas or other bare areas on landfill slopes and surfaces, as required by 15A N.C. Admin. Code 13B .0566(7).
 8. Observed that the limits of the permitted landfill disposal area were marked by flags.
 9. Observed no unpermitted wastes at the facility at the time of inspection.
 10. Observed that the monitoring well near the north-east side of the landfill facility was well-marked with reflective highway warning barrels.
 11. Upon arrival at the facility, observed that the steel-bar gate at the facility entrance was closed and locked, as required to prevent unauthorized access to the site.
 12. Observed that the facility access road is in good shape.
 13. Observed that a sign is in place at the facility entrance showing the facility contact name and phone number, and the permit number, as required.

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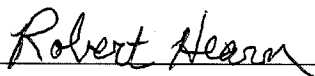
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14. Spoke by telephone with Mr. Steve Waters following the inspection to discuss landfill operations. Mr. Waters explained that recent land-clearing operations were conducted as part of approved landfill construction plans. He also said that following clearing and grubbing of the approved, future disposal-cell area, soil was applied to achieve a 4-foot vertical separation between the seasonal-high groundwater elevation and the lower limits of the landfill disposal cell, as required by the approved construction plans.

Mr. Waters also explained that land-clearing debris generated by construction operations, which had been staged outside the boundary of the landfill, would be managed at a future date in accordance with applicable regulations, although it likely would not be disposed in the landfill so as to help conserve landfill disposal capacity.

Mr. Waters agreed to promptly repair the eroded areas described above and take actions to achieve better control of surface runoff.

Please contact me if you have any questions or concerns regarding this audit report.



Phone: (919) 707-8292

Robert Hearn
Environmental Senior Specialist
Regional Representative

Copies: Dennis Shackelford, Eastern District Supervisor
Jessica Montie, Compliance Officer

Sent on: 4/25/12		Email		Hand delivery	x	US Mail		Certified No. []
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